



CERTIFICATE OF ANALYSIS

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1. Identification

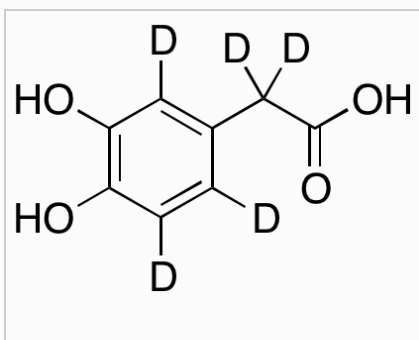
Catalogue Number: D454253

CAS Number: 60696-39-1

Product: 3,4-Dihydroxyphenylacetic Acid-d5

Synonym: 4,5-Dihydroxybenzene-2,3,6-d3-acetic- α,α -d2 Acid; 3,4-Dihydroxybenzeneacetic Acid-d5; (3,4-Dihydroxyphenyl)acetic Acid-d5; Ba 2773-d5; DOPAC-d5; Dihydroxyphenylacetic Acid-d5; Dopacetic Acid-d5; Homoprotocatechuic Acid-d5

Structure:



Molecular Formula:

$C_8H_3D_5O_4$

Molecular weight:

173.18

Source of Product:

N/A

Solubility:

DMSO (Slightly)

Lot Number: 1-MSW-131-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Beige to Dark Brown Solid	Dark Beige to Dark Brown Solid
Elemental Analysis	Conforms	%C: 55.36, %H: 4.79
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.5%
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.73% (220 nm)

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.05%, d2 = 0.00%, d3 = 0.03%, d4 = 7.06%, d5 = 92.87%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	11/7/2023	11/5/2027